

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES BRANCH

DISCHARGE MEASUREMENT NOTES

Meas. No. 76

Checked by _____

Date _____

RECORDED

Brazos River at Richmond TexDate Nov. 18, 1942 Party M. H. GoinesWidth _____ Area _____ Vel. _____ G. H. _____ Disch. —

Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____

Method coef. _____ Hor. angle coef. _____ Meter No. _____ Susp. coef. _____

GAGE READINGS

Time	Recorder	Inside	Outside
Start			
<u>3:50 p.m.</u>	<u>U.S.W.B.</u>	<u>W-WH</u>	<u>8.06</u>
<u>5:05 p.m.</u>	<u>O.G.</u>	<u>—</u>	<u>8.08</u>
Finish			
Weighted M. G. H.			
G. H. correction			
Correct M. G. H.			

Date rated _____ Used rating

for rod _____ susp. Meter _____ ft.

above bottom of wt. Tags checked _____

Spin before meas. _____ after _____

Meas. plots _____ % diff. from _____ rating

Wading, cable, ice, boat, upstr., downstr., side

bridge _____ feet, mile, above, below

gage, and _____

Chain, wire, found 58.58changed to no at —Correct length 58.57Levels obtained —Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on
following conditions: Cross section _____

Flow _____ Weather _____

Other _____

Gage See sheet 2Record removed Yes Intake flushed No

Observer _____

Control _____

Remarks _____

Sheet No. 1 of 2 sheets. G. H. of zero flow _____ ft.

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Date 11-18-42, 19__

No. of Meas. _____

SUPPLEMENTARY DISCHARGE MEASUREMENT NOTES

Brazos River at Richmond, Tex.

Enter on this form ample notes in regard to the following:

1. Accuracy of measurement; 2, gage; 3, observer; 4, bench marks; 5, gage-height corrections; 6, adjustments to total discharge; 7, station equipment; 8, channel, control, and point of zero flow; 9, rating, backwater; 10, diversions, regulation; 11, records; 12, cooperation.

Recorder Inspection

Pen Stevens Chart ink

Pencil Tung. 3B : Record ok

Wt. Adj. 0 : Chart time clear

Paper dry : Clock Reg. no

Installed new roll Stevens recorder paper
last 40' marked.

Installed new lock on clean-out door, need
"T" bolt and wingnut

cleaned well down to bottom of cleanout
door.

There is water at gage, believe that with
a short extension on intake that well can
be put in operation, when stage is lower
(about 5 ft) well will be cleaned and intake
extended if possible.